

Recombinant E.coli ATP-dependent DNA helicase recQ



Catalog No: #AP72369

Orders: order@signalwayantibody.com

Package Size: #AP72369-1 20ug #AP72369-2 100ug #AP72369-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant E.coli ATP-dependent DNA helicase recQ
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-606aaSequence Info:Partial
Accession No.	P15043
Uniprot	P15043
GeneID	948318;
Calculated MW	71.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AQAEVLNLESGAKQVLQETFGYQQFRPGQEEIIDTVLSGRDCLVVMPTGGGKSLCYQIPALLNGLTVVVSPLI SLMKDQVDQLQANGVAAACLNSTQTREQQLEVMTGCRTGQIRLLYIAPERLMLDNFLEHLAHWNPVLLAVDE AHCISQWGHDFRPEYAALGQLRQRFPPLPFMALTATADDTRQDIVRLLGLNDPLIQISSFDRPNIRYMLMEKF KPLDQLMRYVQEQRGKSGIYCNSRAKVEDTAARLQSKGISAAAYHAGLENNVRADVQEKFQRDDLQIVVATV AFGMGINKPNVRFVVFHFDIPRNIESYYQETGRAGRDLPAEAMLFYDPADMAWLRRCCLEEKQGGQLQDIERH KLNAMGAFAEAQTCRRLVLLNYFGEGRQEPGNCIDCLDPPKQYDGSTDAQIALSTIGRVNQRFGMGYVVEVI RGANNQRIRDYGHDKLVYGMGRDKSHEHWVSVIRQLIHLGLVTQNIQHSALQLTEAARPVLRGESSLQLAV PRIVALPKAMQKSFGGNYDRKLFKLRKLRKSIADSNVPPYVVFNDATLIEMAEQMPITASEMLSVNGVGM RKLERFGKPFMALIRAHVDGD
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in the RecF recombination pathway; its gene expression is under the regulation of the SOS system. It is a DNA helicase.

References

Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110. Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T. Mol. Syst. Biol. 2:E1-E5(2006) Research Topic: Others

Note: This product is for in vitro research use only